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1644
 RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/897,042

DATE: 11/14/2001
 TIME: 15:06:56

Input Set : A:\1614-0251P.ST25.txt
 Output Set: N:\CRF3\11142001\I897042.raw

5 <110> APPLICANT: VALENTA, Rudolf
 6 VRTALA, Susanne
 7 VANGELISTA, Luca
 8 EICHLER, Hans-Georg
 9 SPERR, Wolfgang R.
 10 VALENT, Peter
 11 EBNER, Christof
 12 KRAFT, Dietrich
 13 GRONLUND, Hans
 17 <120> TITLE OF INVENTION: NON-ANAPHYLACTIC FORMS OF ALLERGENS AND THEIR USE
 19 <130> FILE REFERENCE: 1614-251P
 21 <140> CURRENT APPLICATION NUMBER: 09/897,042
 C--> 22 <141> CURRENT FILING DATE: 2001-07-07 07
 24 <160> NUMBER OF SEQ ID NOS: 21
 26 <170> SOFTWARE: PatentIn Ver. 2.0
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 31 <212> TYPE: DNA
 32 <213> ORGANISM: Artificial Sequence
 34 <220> FEATURE:
 35 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide ✓
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 42 <210> SEQ ID NO: 2
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 45 <213> ORGANISM: Artificial Sequence
 47 <220> FEATURE:
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 56 <211> LENGTH: 28
 57 <212> TYPE: DNA
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 60 <220> FEATURE:
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 64 <400> SEQUENCE: 3
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 69 <211> LENGTH: 42
 70 <212> TYPE: DNA
 71 <213> ORGANISM: Artificial Sequence
 73 <220> FEATURE:

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74 <223> OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide
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99 <220> FEATURE:
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Input Set : A:\1614-0251P.ST25.txt
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214 <213> ORGANISM: Betula sp.

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222 Met Asn Leu Val Pro Met Asn Pro Leu Val Met Asn Glu Phe Cys Arg
223 1 5 10 15
224
225 Tyr Pro Ser His Trp Arg Pro Leu Glu Gln Ile Arg Leu Leu Thr Lys
226 20 25 30
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228 Pro Glu Arg Lys Leu Ser Trp Leu Leu Pro Pro Leu Ser Asn Asn
229 35 40 45
232 <210> SEQ ID NO: 16
233 <211> LENGTH: 47
234 <212> TYPE: PRT
235 <213> ORGANISM: Betula sp.
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238 Met Asn Leu Val Pro Met Asn Pro Leu Val Met Asn Gly Phe Cys Arg
239 1 5 10 15
241 Tyr Pro Ser His Trp Arg Pro Leu Glu Gln Ile Arg Leu Leu Thr Lys
242 20 25 30
244 Pro Glu Arg Arg Leu Ser Trp Leu Leu Pro Pro Leu Ser Asn Asn
245 35 40 45
248 <210> SEQ ID NO: 17
249 <211> LENGTH: 51
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251 <213> ORGANISM: Betula sp.
253 <220> FEATURE:
254 <221> NAME/KEY: CDS
255 <222> LOCATION: (1)..(51)
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260 1 5 10 15
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266 <210> SEQ ID NO: 18
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268 <212> TYPE: PRT
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273 1 5 10 15
276 <210> SEQ ID NO: 19
277 <211> LENGTH: 12
278 <212> TYPE: PRT
279 <213> ORGANISM: Betula sp.
281 <400> SEQUENCE: 19
282 Gly Pro Gly Thr Ile Lys Lys Ile Ser Phe Pro Glu

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Input Set : A:\1614-0251P.ST25.txt
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287 <210> SEQ ID NO: 20
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289 <212> TYPE: PRT
290 <213> ORGANISM: Betula sp.
292 <400> SEQUENCE: 20
293 Thr Ile Lys Lys Ile Ser Phe Pro Glu Gly Phe Pro
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299 <212> TYPE: PRT
300 <213> ORGANISM: Betula sp.
302 <400> SEQUENCE: 21
303 Lys Ile Ser Phe Pro Glu Gly Phe Pro Phe Lys Tyr
304 1 5 10

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/897,042

DATE: 11/14/2001

TIME: 15:06:57

Input Set : A:\1614-0251P.ST25.txt

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L:22 M:271 C: Current Filing Date differs, Replaced Current Filing Date